

## **BARBEQUE GRILL SYSTEM**

### **Abstract of the Disclosure**

A barbeque grill system include a barbeque grill, a heat source, a thermoelectric generator operable for producing electric power, and a barbeque-grill accessory capable of using electric power. In further detail, the thermoelectric generator is activatable by heat produced from the heat source, so as to produce electric power. In addition, the barbeque-grill accessory is designed so as to receive electric power produced by the thermoelectric generator, once the thermoelectric generator has been activated by heat produced from the heat source.